

**Wyckoff Eagle Harbor Superfund Site – OUs 2 and 4
SSC Ecology – EPA Quarterly Coordination Meeting
12/14/16
FINAL Meeting Summary**

MEETING ATTENDEES

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|---------------------|---------------------------|
| Beth Sheldrake, EPA | Barry Rogowski, Ecology |
| Helen Bottcher, EPA | Sandra Caldwell, Ecology |
| Deb Sherbina, EPA | Hun Seak Park, Ecology |
| | Sam Meng, Ecology |
| | Susannah Edwards, Ecology |
| | Dawn Hooper, Ecology |
| | Kate Snider, Floyd Snider |

This meeting summary was prepared by Kate Snider and reviewed by all attendees. It is not a full record of the discussion, but a record of key discussion points and action items.

MEETING AGENDA

This meeting was the twenty-second quarterly coordination meeting held since the execution of the 2012 Superfund State Contract between USEPA and the state of Washington relating to remedial action and operations and maintenance at the Soil and Groundwater Operable Units (OUs 2 and 4) of the Wyckoff Eagle Harbor Superfund Site, Bainbridge Island, WA.

Appendix B of the Superfund State Contract is the “EPA/Ecology Site-Specific Statement of Work for Groundwater Treatment Plant Operations and Maintenance and Focused Feasibility Study Related to Permanent Mass Removal” (SOW). In accordance with the SOW, each quarterly meeting will address two goals:

- 1) Review progress on both Ecology and EPA Tasks defined in the SOW.
- 2) Discuss major schedule adjustment. The SOW states “If delays of more than one month are anticipated for any element [of the Focused Feasibility Study and Proposed Plan], project managers will elevate the matter to their immediate supervisors for discussion.

The meeting agenda included:

1. Progress Review – Ecology O&M Tasks
 - Operational status
2. Progress review – EPA tasks, status, schedule review
 - MCC replacement and landscape contracting status
 - Response to Public Comments
 - Status?
 - Ecology sediment cleanup level comment – coordination
 - Comments re: Alt 4 and remedial schedule
 - Final FFS development status

- Schedule – planned milestones in ROD process (review schedule from October notes)
- Wall corrosion status - approach
- 3. Phase 1 cap repair status
- 4. OU1 Monitoring
- 5. 5-Year Review Prep

PROGRESS REVIEW – ECOLOGY O&M TASKS

- Ops are smooth. There were three temporary shutdowns for windstorms.
- Offline now since 12/7 due to freezing conditions, consistent with Freeze Protection Plan
- April/May 2017 Ecology will replace HMI.

PROGRESS REVIEW – EPA TASKS

- MCC Replacement
 - MCC is still operational. EPA will re-contract for repair, with mowing of site separate from MCC repair. No longer necessary to just consider small business contractors.
 - Expecting MCC repair to be conducted summer 2017
- Response to Public Comments on Proposed Plan
 - Close to determining final remedy in response to public comments desiring a remedy that is faster and with more treatment
 - Have been coordinating closely with Ecology, expect one more primary EPA and Ecology meeting. Ecology expressed gratitude for EPA's responsiveness to public comment and this working process.
 - Sediment disposal is an issue, Tribes have requested offsite disposal – Hun Seak is working closely with EPA to confirm disposal at Subtitle D landfill is appropriate. ***Hun Seak will provide determination in writing to EPA before ROD issuance.***
- Human Health Cleanup Level for Sediments
 - EPA feels good about the comprehensive package of RAOs and Cleanup Standards for sediments: sediment chemical concentrations for protection of benthic toxicity and direct contact, and horse clam tissue concentration for protection of human health.
 - EPA believes selection of horse clam tissue for human health addresses requirement to meet federal and state regulations as ARARs if they are more stringent.
 - Ecology is still questioning rationale, including site specific rationale for choice of horse clams as the species of interest. Sandra reminded the group that the requirements may be adjusted given that this is an interim ROD.

- **Helen and Susannah will set up a separate in-person meeting to include policy staff to discuss this issue.** For Ecology will include Chance Asher and Jeff Johnston in addition to the project team as necessary. Hopefully this meeting can occur in January.
- FFS and ROD Process
 - EPA will need to finish both FFS documents to support the ROD. Currently negotiating contract extensions with CH2M Hill to support.
 - Coordinated with response to public comment, CH2M Hill will revise quantities and costs.
 - Helen is leading authorship of ROD. Still hoping for a February Draft ROD.
- Anticipated Construction Phasing and Funding
 - Planning a new outboard perimeter wall – will construct sooner due to corrosion concerns. Have asked for 2018 construction funding for new wall.
 - Planning to design and construct in phases, with multiple meetings with priority panel, requesting smaller increments of funding
 - **Helen provided a draft cost table to Hun Seak for review.** This shows forecasted costs through 2035 for all construction work. Remedial Action costs subject to state match are shown in a separate column. Basic phases include:
 1. Wall design FY17, construction FY18
 2. OU 1 remedy and new road to facilitate – beaches pose most risk
 3. Design OU 2/4 remedy – Phase 1 construction spread over 2 FYs (likely construction start in 2025)
 4. Pause and 1 year of monitoring
 5. Phase 2 for OU 2/4
 - EPA needs to determine anticipated point in remedial action construction when treatment plant function will change, and treatment plant operations will switch back to EPA responsibility. Will the wall construction or OU1 construction use treatment plant for construction water management?
 - Until that time, Ecology will continue to request funding for operations.
- Wall Corrosion Concerns - EPA is working with CH2M Hill to evaluate corrosion below mudline. This process will use backhoe excavations, visual examination and measurements of wall thickness.

PHASE 1 CAP REPAIR

- Construction is scheduled to begin in earnest on January 3. Currently reviewing contractor submittals. Construction is scheduled to be complete Feb 14.
- Construction cost is \$3M, will have \$300,000 state match. Ecology says: if billing can occur by April, Ecology may be able to pay before end of June.

OU 1 SUBTIDAL MONITORING

- HDR has been hired to do survey and sampling – same firms that did the work previously.
- Ecology reviewed the SAP.
- Work should be conducted soon.

5-YEAR REVIEW – DUE TO HQ SEPT 2017

- Corps of Engineers will be the lead author. Will include community interviews.
- Public notice in Bainbridge paper on 1/6, take public input through 2/10.
- Kick off meeting scheduled for Jan 12 at City Hall, will invite stakeholders.
- Need careful messaging re: relationship between 5 Year Review and new Interim ROD, previous public comment.
- ***Ecology would like to schedule a separate, specific meeting with EPA regarding the 5-Year review.***

FUTURE QUARTERLY MEETINGS

- Beth has taken Cami's position through April. Tracey Chellis is filling in for Beth during this time.
- March 8, 2017 is the next meeting – add Jim Pendowski if possible.
- Kate to work to schedule other quarterly meetings for 2017